



SPB165R

Surge Protection Device 1P T2 TNC Uc 320V In 20kA I_{max} 65kA remote contact

Technical Features

Capacity

Number of modules	1
-------------------	---

Voltage

Rated operational voltage U _e	240 - 240 V
Continuous operating voltage U _c according to IEC 61643-1	320 V
Voltage protection level U _p according to IEC 61643-1	1.45 kV
Voltage protection level U _p L-PE/N-PE according to IEC 61643-11	1.70 kV
Voltage level U _p L-N/PEN IEC 61643-11	1450 V

Electric current

Nominal discharge current I _n 8 - 20 μs L-N(PEN)/N-PE IEC 61643	20 kA
Max. overcurrent protection device, parallel connection (fuse)	160 A
Max. discharge (I _{max}) L-N(PEN)/ N-PE	65 kA

Dimensions

Height	96.8 mm
Width	17.6 mm
Depth	77.5 mm

Use conditions

Operating temperature	-40 - 80 °C
-----------------------	-------------

Network configuration

Network type	TN-C TN-S TT
--------------	--------------------

Equipment

With remote signalling contact	Yes
--------------------------------	-----

Connection

Cross-section of input and output with screws, for flexible conductors	1.5 - 25.0 mm ²
Cross-section of input and output with screws, for massive conductors	1.5 - 35.0 mm ²
Cross-section signal contact	0.14 - 1.5 mm ²

Standards

Requirement class IEC 61643	T2
-----------------------------	----

Frequency

Frequency	50 - 60 Hz
-----------	------------

Installation, mounting

Nominal tightening torque	3 - 3 Nm
---------------------------	----------

Sustainability

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes